



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090819

Mode: Highway

Status: Submitted

(New Route - Henderson Western Outer Loop)

From/Cross Street: SR 1101 (Old County Home Road) **Specific Improvement Type:** 6 - Widen Existing Roadway and Construct Part on New Location

To: NC 39

Project Category: Division Needs

Length: 4.09

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$21,233,000

Description:

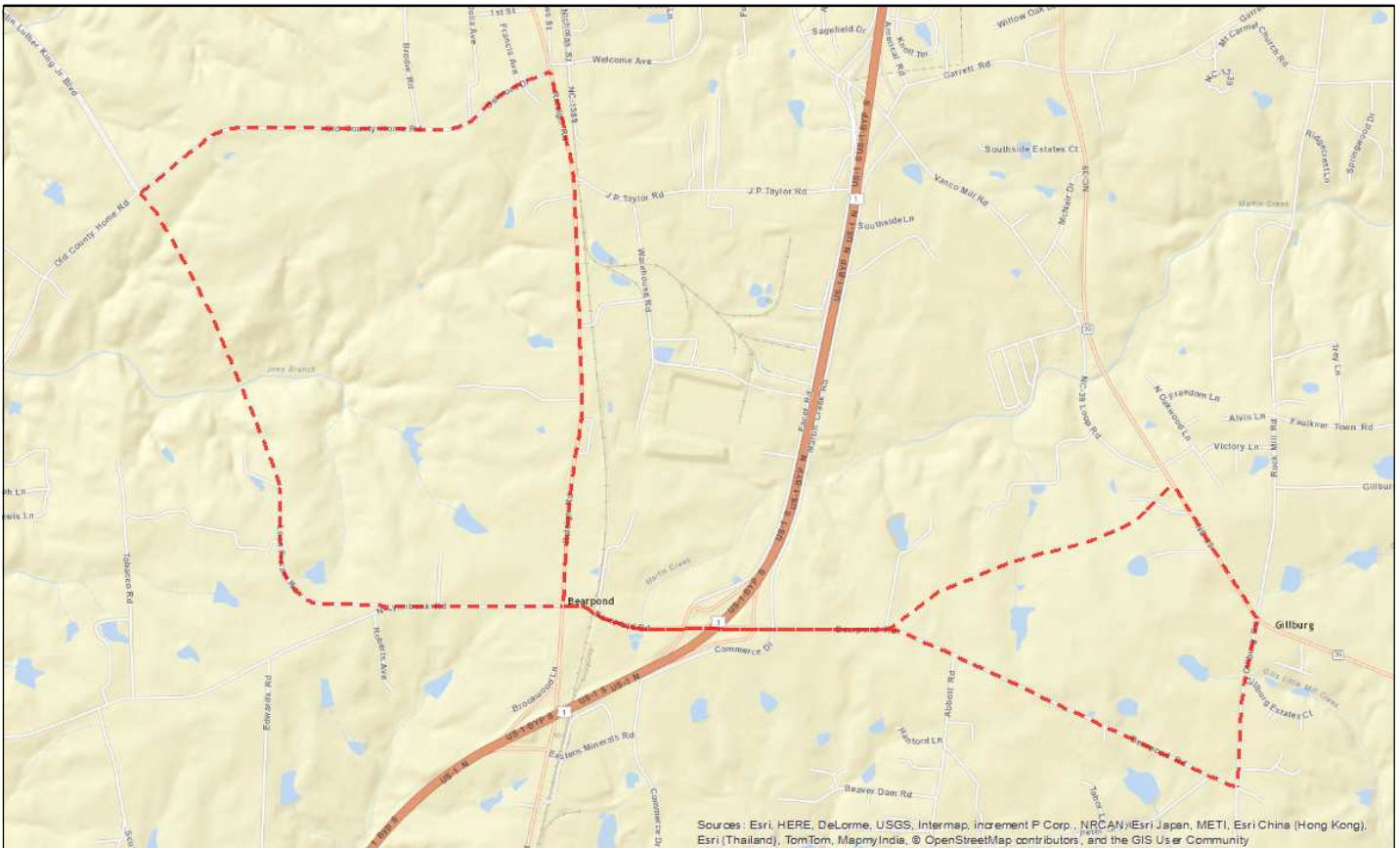
Continuation of the Western Outer Loop from Old County Home Road to US 1 Bypass and Terminating at NC 39.

Division(s): Division 5

County(s): VANCE

MPOS(s)/RPO(s): Kerr-Tar RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 37.93

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 26.94 Safety (10%) 70.14 [Travel Time] Benefit/Cost (20%) 2.62 Totals: Weight: 50% Weighted Score: 12.93	Percent: 25% Points: 0	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	51
Length (miles):	6.1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	6389.62
Capacity:	15720.37
Volume/Capacity Ratio:	0.41
% Autos:	95%
% Trucks:	5%
Truck Volume:	306.43
Crash Density:	90.86
Crash Severity:	67.69
Critical Crash Rate:	51.88
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	90
Actual Congested Speed:	3.61
Travel Time Index:	1.1

Project Benefits

Project Cross-Section:	2E - 2 Lane Undivided with Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	4.09
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	2483416.6
Travel Time Savings for 30 Years (Autos):	2364317.83
Travel Time Savings for 30 Years (Trucks):	119098.77
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 5

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 5	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Kerr-Tar RPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$20,520,000	TIP Unit
Right-of-Way Cost:	\$637,000	Cost Estimation Tool
Utilities Cost:	\$76,000	Cost Estimation Tool
Total Project Cost:	\$21,233,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$21,233,000	